



DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

5000 OVERLOOK AVENUE, S.W., WASHINGTON, D.C. 20032

OFFICE OF THE GENERAL MANAGER

TEL: 202-787-2609

FAX: 202-787-2333

September 1, 2004

Ms. Karen Johnson, Chief
Safe Drinking Water Act Branch
United States Environmental Protection Agency, Region III
1650 Arch Street
Philadelphia, Penn. 19103-2029

Re: Plan for Selecting 1000 Priority Sites
USEPA -DCWASA Administrative Order
Consent Docket No. SDWA-03-2004-0259DS

Dear Ms. Johnson:

When the above noted revised plan was forwarded to your office last Monday I inadvertently did not include the support documentation with respect to our collaboration with the District of Columbia Department of Health. I have attached these documents and apologize if this omission has caused you any inconvenience.

Sincerely,

John T. Dunn, PE
Interim Chief Engineer/Deputy General Manager

Attachment:
DC Dept. of Health Correspondence

0608-153631

GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF HEALTH
Emergency Health and Medical Services Administration



RECEIVED
GENERAL MANAGER'S OFFICE

2004 JUN -8 P 3:18

D.C. WATER & SEWER AUTHORITY

June 2, 2004

Mr. Jerry N. Johnson
General Manager
WASA
5000 Overlook Ave., SW
Washington, DC 20032

Dear Mr. Johnson,

Thank you for your letter of May 27, 2004 received on June 1, 2004 (attachment #1) and your letter of May 7, 2004 addressed to Dr. Walter Faggett has also been noted.

I am familiar with the criteria for prioritizing the lead service line replacement as Dr. Lucey and I had discussed those and were in agreement.

It is the Department of Health recommendation that WASA proceeds with replacements as stated in the last paragraph of your May 7, 2004 letter to Dr. Faggett (attachment #2).

Sincerely,

A handwritten signature in dark ink that reads "Thomas Calhoun, MD".

Thomas Calhoun, MD
FACS, FACN, FACPE, ABQAURP
Interim Administrator/Medical Director
Emergency Health and Medical Services Administration
DC Department of Health
64 New York Avenue, NE
Suite 5000
Washington, DC 20001
(202) 671-0466 Direct
(202) 997-5228 Cell
(202) 671-0857 Fax
tcalhoun@dchealth.com
www.bioterrorism.dc.gov

cc: Mr. Herb Tillery
Mr. Robert Bobb



DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

5000 OVERLOOK AVENUE, S.W., WASHINGTON, D.C. 20032

May 7, 2004

Dr. William Faggett, Interim Chief Medical Officer
District of Columbia Department Of Health
825 North Capitol Street NE
Washington, DC 20002

Dear Dr. Faggett:

This letter transmits the lists that comprise the priority health lead service replacements for 2004. As you are aware, the criteria that have been agreed to by DC DOH, EPA and DC WASA are:

- Day care centers that have a lead service line or a service line of undetermined material;
- Homes that have children with elevated blood lead levels and that have a lead service line or a service line of undetermined material;
- Homes with high lead water levels that have members of the "at risk population" as permanent residents, and that have requested priority replacement.

In deriving these lists, Mr. Roger Gans of my staff has coordinated with the following DC DOH medical and professional staff:

- The criteria in general was discussed and essentially provided by Dr. Daniel Lucey.
- The blood test results were provided by Dr. Lynette Stokes.
- The health care center list was developed in conjunction with Dr. Peter Thomas.

The first criterion is presented in the spreadsheet: replacements_daycare.xls. There are 142 addresses in this list of day care centers.

The second criterion is presented in the spreadsheet: replacements_blood.xls. There are 217 addresses in this list.

The third criterion is presented in the spreadsheet: replacements_from_option3.xls. There are 1393 addresses on this spreadsheet and

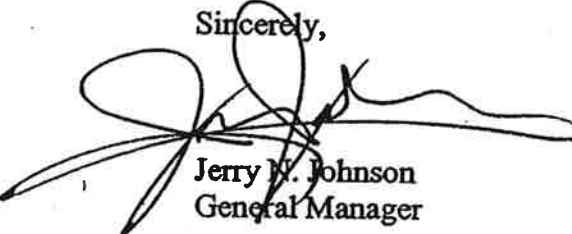
the first 141 will be selected. This spreadsheet is ranked by second draw test result. The top ranked 141 addresses fill out the 500 health related replacements list.

The fourth spreadsheet (replacements_priority blood.xls) showing 19 addresses presents information from residences reporting "elevated blood lead levels," some as low as 1 to 3 micrograms/deciliter. We ask your specific guidance on these requests.

We believe this accurately reflects the understanding between and among the parties and accordingly request that you acknowledge this no later than Wednesday, May 12.

In order to meet the EPA required date for replacement of 1615 lead services by September 30, 2004, WASA must supply the list of 500 to its contractor by May 13, 2004. Therefore, WASA will proceed with the list as presented in order to meet its legal obligation for replacement under EPA regulations.

Sincerely,



Jerry N. Johnson
General Manager

cc: Mr. Herb Tillery
Acting Director
District of Columbia Department of Health

Mr. Robert Bobb
Deputy Mayor / City Administrator
District of Columbia

Roger Gans

06/15/2004 10:05 AM

To: "Calhoun, Thomas (DOH)" <thomas.calhoun@dc.gov>

cc:

Subject: RE: lead line replacement and EBL` and Addresses

Dr. Calhoun,

I am somewhat confused by the last sentence of your e-mail of yesterday regarding DC DOH offering environmental assessments prior to 9/30/04. Do "these homes" refer to the 40 addresses that WASA could not identify in as customers? Or, will the assessments be performed on the 216 addresses from the elevated **blood lead level** list. If the latter is the meaning, please note that WASA's contractor is in the process of replacing the lead services at these addresses currently. By 9/30/04 all will be replaced. Is this consistent with the intent of the assessment? What is the objective and scope of such an assessment?

On a related issue, the elevated blood level spreadsheet provided by DOH to WASA in April contained results with the latest sample date shown as 12/31/03. WASA understands that additional blood testing was done since that date. Does DC DOH wish to provide WASA with additional test results and addresses for matching against our lead service database to identify possible additional candidates for priority replacement during our 2005 replacement program? Please advise.

Roger L. Gans, PE
Manager, Planning & Design
DC WASA
202-787-2452
rgans@dcwasa.com
"Calhoun, Thomas (DOH)" <thomas.calhoun@dc.gov>



"Calhoun, Thomas
(DOH)"
<thomas.calhoun@dc.
gov>

06/14/2004 02:28 PM

To: "Calhoun, Thomas (DOH)" <thomas.calhoun@dc.gov>,
"roger_gans@dcwasa.com" <roger_gans@dcwasa.com>

cc: "Stokes, Lynette (DOH)" <lynette.stokes@dc.gov>

Subject: RE: lead line replacement and EBL` and Addresses

-----Original Message-----

From: Calhoun, Thomas (DOH)

Sent: Monday, June 14, 2004 11:26 AM

To: 'roger_gans@dcwasa.com'

Cc: Stokes, Lynette (DOH)

Subject: lead line replacement and EBL` and Addresses

Mr. Gans, the DOH agrees with the matching of EBL`s addresses and your customer data base that represents 216 homes. We understand that 40 of these addresses were listed in your data base as unknowns. We will be offering environmental assessments using WASA contractors at these homes prior to 9-30-04.

-----Original Message-----

From: Williams, Orpheus (DOH)

Sent: Wednesday, June 09, 2004 8:57 AM

To: Calhoun, Thomas (DOH); Davenport, Ava (DOH)

Cc: Stokes, Lynette (DOH); Williams, Orpheus (DOH)
Subject: FW: 2002 & 2003 Addresses EBLs

-----Original Message-----

From: Stokes, Lynette (DOH)
Sent: Tuesday, June 08, 2004 2:49 PM
To: Bassey, Usenobong (DOH)
Cc: Williams, Orpheus (DOH)
Subject: FW: 2002 & 2003 Addresses EBLs

eer

-----Original Message-----

From: Roger_Gans@dcwasa.com [mailto:Roger_Gans@dcwasa.com]
Sent: Tuesday, May 04, 2004 3:43 PM
To: lynette.stokes@dc.gov
Subject: Re: 2002 & 2003 Addresses EBLs

Dr. Stokes,

We are proceeding with those homes that we could match with our customer database plus the 3 homes subsequently identified; i.e. the 219 addresses (see this and prior e-mails). Even after additional investigation, WASA has been unable to identify the 40 addresses as noted in the e-mail below and on the spreadsheet blood_results_lead_unknown_4_22.xls.

On a related issue, please verify that the 216 addresses resulting from the match of **BLOOD LEAD LEVELS 10 AND ABOVE.xls** and our database are current. That is, that the children with high **blood lead levels** have been verified by DC DOH as still living at these addresses.

WASA is proceeding to provide this list to the contractor for priority replacement of these services (along with the identified child day care centers and high water test/at risk addresses).

Roger L. Gans, PE
Manager, Planning & Design
DC WASA
202-787-2452
rgans@dcwasa.com

----- Forwarded by Roger Gans/ENGINEER/DC/WASA on 05/04/2004 03:33 PM -----

Roger Gans

<lynette.stokes@dc.gov>	To:	"Stokes, Lynette"
04/22/2004 11:36	cc:	
"dlucey@imcingular.com" <dlucey@imcingular.com>, AM		"Jjohnson@dcWASA.com"
<Jjohnson@dcWASA.com>, "Stokes,		Lynette"
<lynette.stokes@dc.gov>, "Mmarcotte@dcWASA.com"		<Mmarcotte@dcWASA.com>, "RGans@dcWASA.com"

Thomas"

Leonard

Addresses EBLs (Document link:

<RGans@dcWASA.com>, "Calhoun,

<thomas.calhoun@dc.gov>,

Benson/ENGINEER/DC/WASA@WASA

Subject: Re: 2002 & 2003

Roger Gans)

Dr. Stokes,

Attached is a spreadsheet that results of the match between the spreadsheet that you transmitted via the e-mail below (**BLOOD LEAD LEVELS 10 AND ABOVE.xls**) and WASA's customer database information as to which service are lead or unknown.

(See attached file: blood_results_lead_unknown_4_22.xls)

Please note the following:

Based on the criterion "homes that have children with elevated **blood lead levels** and that have a lead service line or a service line of undetermined material" there are 216 such addresses that meet this criterion.

However, note that there are 40 addresses that WASA could not match with our customer data base, even after attempts to research the address for spelling and/or quadrant. If DC DOH wishes WASA to consider these addresses for priority replacement, we need to obtain more information about the addresses to ascertain why they are not contained in our customer database.

By this e-mail WASA is requesting DC DOH's determination that the 216 addresses should be included in this year's priority replacement program.

Roger L. Gans, PE
Manager, Planning & Design
DC WASA
202-787-2452
rgans@dcwasa.com

"Stokes, Lynette"

<lynette.stokes@d
" 'RGans@dcWASA.com' " <RGans@dcWASA.com>
c.gov>
<lynette.stokes@dc.gov>,
<dlucey@imcingular.com>,
04/16/2004 01:24
<thomas.calhoun@dc.gov>,
PM
<Jjohnson@dcWASA.com>,

To:

cc: "Stokes, Lynette"

" 'dlucey@imcingular.com' "

"Calhoun, Thomas"

" 'Jjohnson@dcWASA.com' "

" 'Mmarcotte@dcWASA.com' "

<Mmarcotte@dcWASA.com>

Subject: 2002 & 2003

Addresses EBLs

Mr. Gans,

Following my discussion Dr. Dan Lucey and with Mr. Jerry Johnson today, the attached list of addresses is being provided for cross referencing with addresses of known lead service pipes. Please be advised that you may observe the same address more than once as children are retested for their blood lead level. Please return the list in the same format that includes only addresses with known lead service pipes.

Thank you.

I hope that you have received voice mail or E-mail from Mr. Johnson describing the cross referencing work needed to help with the prioritization of the Lead Service Line Replacement Program WASA will conduct.

Lynette Stokes, Ph.D., MPH, Chief
Bureau of Hazardous Material
& Toxic Substances
51 N Street, NE
Washington, DC 20002
(202) 535-2277
(202) 535-1381 (Fax)

>
> <<BLOOD LEAD LEVELS 10 AND ABOVE.xls>>
>

>
(See attached file: BLOOD LEAD LEVELS 10 AND ABOVE.xls)

IMPORTANT NOTICE: The security of electronic mail sent through the Internet is not guaranteed. DCWASA therefore recommends that you do not send confidential information to us via electronic mail, including social security numbers, account numbers and personal identification numbers unless instructed to do so through a secured site. Delivery and timely delivery of electronic mail is also not guaranteed. WASA also recommends that you do not send time-sensitive or action-oriented messages to us via electronic mail unless instructed to do so.

Roger Gans

04/30/2004 02:21 PM

To: dlucey@dchealth.com

cc: Michael Marcotte/GM/DC/WASA@WASA, Leonard
Benson/ENGINEER/DC/WASA@WASA

Subject: Clarification of Criteria for 500 Health Lead Service Replacements

Dr. Lucey,

The three criteria have been stated as:

- Approximately 100 home day care centers with lead service lines;
- Approximately 100 homes that have children with elevated blood lead levels and that have a lead service line or a service line of undetermined material;
- Approximately 300 homes with high lead water levels that are occupied by members of the target population.

As you are aware, I have been working with Drs. Stokes and Thomas to develop the addresses for the first two criteria; i.e. those criteria involving day care centers and high blood lead levels. Although neither list has been fully developed as of this writing, it is apparent that the high blood level list will be in excess of 100 (219 so far) and the day care center may be as many as 150. Thus, I need some clarification of how to apply the criteria.

- Is the intent to include in the 500 health replacements all home day care centers with lead service lines and all addresses with children with elevated blood levels with lead or unknown services? The total of the two could add up to as many as 409 addresses, leaving only 91 addresses for criterion #3. Or, is the intent to limit each of the first two criterion to 100; i.e. 100 day care centers, 100 homes with high blood levels, 300 homes with high lead water levels and target population?
- If the intent is the latter (100, 100, 300 split), how do we intend to select the 100 each of the day care centers and the blood levels? What sub-criteria is used to rank them?
- I also want to verify the precise intent of criterion #3. Our approach would be to rank according to the second draw water test results that is intended by EPA protocol to sample the water in the service line. If our database has information that the address has the target population, we would rank solely on the second draw test with highest test result having the highest ranking. Please note that we have no way to verify that the information that a target population lives in the home is true. We are relying on the customer supplied data.

Regarding the home day care centers, Dr. Thomas was unable to resolve the difference between the DC DOH list and the WASA list and suggested that I consult with DC EMA which we are doing. If we cannot resolve this by early next week, we intend to use the WASA list which we can explain, minus any day care centers that Dr. Thomas has supplied that represent centers no longer in operation.

Dr. Stokes was unable to provide additional information on the 40 addresses with high blood lead levels but that could not be identified as WASA accounts (hence no way to determine the material of the service line). WASA is trying one more method to identify these addresses, and failing that, we intend to use the list with addresses that can be identified comprised of 216 addresses provided by DC DOH + 3 identified as having high levels from tests by private physicians.

We past the time when we ideally should have provided the list to the contractor. On May 5 we will have entered all priority replacement forms postmarked by 4/30/04 into our database and will sort by second draw test result.

We thus need clarification of how to interpret the criteria by early next week.

Thank you again in advance.

Roger L. Gans, PE
Manager, Planning & Design
DC WASA
202-787-2452
rgans@dcwasa.com

Roger Gans

04/26/2004 02:57 PM

To: "Stokes, Lynette" <lynette.stokes@dc.gov>
cc: dlucey@imcingular.com, dlucey@dchealth.com,
thomas.calhoun@dc.gov, Jerry Johnson/GM/DC/WASA@WASA
Subject: Re: 2002 & 2003 Addresses EBLs

Dr. Stokes,

This follow up e-mail has two objectives:

1. It is not clear to WASA whether DC DOH has approved the list of 216 addresses as presented in the spreadsheet attached to my e-mail of 4/22. **I request clarification of this by no later than Wednesday 4/28/04.**

2. By e-mail dated 4/23/04 Dr. Lucey "..... agreed that if a child has an documented elevated blood lead level and is in the WASA database as having a lead service line or unknown service line then they should be in the list of 500 prioritized residences for LSL replacement." Consequently he approved adding the family of [REDACTED] (which is actually her husband's and son's last name) on the [REDACTED] block of Chevy Chase Parkway (house address not specified) who stated that her [REDACTED] (a baby) has blood lead levels of [REDACTED]

In researching our database of information received thus far from Lead Service Priority Replacement Forms, we have identified two other addresses with blood lead levels reported to be above 10 ug/dl and with lead or unknown services.

Name	Address	Blood Test Results ug/dl	Comments
[REDACTED]	[REDACTED] Third St NE	[REDACTED]	elevated blood levels in
[REDACTED] taken b/t ages	[REDACTED] C St., NE	[REDACTED]	elevated lead levels 9m and 2 years

Please advise whether WASA should add these two additional addresses to the list of 216 addresses and to the address previously added by Dr. Lucey; i.e. [REDACTED] + 216 = 219 addresses.

Roger L. Gans, PE
Manager, Planning & Design
DC WASA
202-787-2452
rgans@dcwasa.com

----- Forwarded by Roger Gans/ENGINEER/DC/WASA on 04/26/2004 02:25 PM -----

Roger Gans

04/22/2004 11:36 AM

To: "Stokes, Lynette" <lynette.stokes@dc.gov>
cc: "dlucey@imcingular.com" <dlucey@imcingular.com>,
"Jjohnson@dcWASA.com" <Jjohnson@dcWASA.com>, "Stokes,
Lynette" <lynette.stokes@dc.gov>, "Mmarcotte@dcWASA.com"
<Mmarcotte@dcWASA.com>, "RGans@dcWASA.com"
<RGans@dcWASA.com>, "Calhoun, Thomas"
<thomas.calhoun@dc.gov>, Leonard
Benson/ENGINEER/DC/WASA@WASA
Subject: Re: 2002 & 2003 Addresses EBLs [REDACTED]

Dr. Stokes,

Attached is a spreadsheet that results of the match between the spreadsheet that you transmitted via the e-mail below (BLOOD LEAD LEVELS 10 AND ABOVE.xls) and WASA's customer database information as to which service are lead or unknown.



blood results lead unknown 4 22

Please note the following:

- Based on the criterion "homes that have children with elevated blood lead levels and that have a lead service line or a service line of undetermined material" there are 216 such addresses that meet this criterion.
- However, note that there are 40 addresses that WASA could not match with our customer data base, even after attempts to research the address for spelling and/or quadrant. If DC DOH wishes WASA to consider these addresses for priority replacement, we need to obtain more information about the addresses to ascertain why they are not contained in our customer database.

By this e-mail WASA is requesting DC DOH's determination that the 216 addresses should be included in this year's priority replacement program.

Roger L. Gans, PE
Manager, Planning & Design
DC WASA
202-787-2452
rgans@dcwasa.com
"Stokes, Lynette" <lynette.stokes@dc.gov>



"Stokes, Lynette"
<lynette.stokes@dc.gov>
v>

04/16/2004 01:24 PM

To: "RGans@dcWASA.com" <RGans@dcWASA.com>
cc: "Stokes, Lynette" <lynette.stokes@dc.gov>, "dlucey@imcingular.com" <dlucey@imcingular.com>, "Calhoun, Thomas" <thomas.calhoun@dc.gov>, "Jjohnson@dcWASA.com" <jjohnson@dcWASA.com>, "Mmarcotte@dcWASA.com" <mmarcotte@dcWASA.com>
Subject: 2002 & 2003 Addresses EBLs

Mr. Gans,
Following my discussion Dr. Dan Lucey and with Mr. Jerry Johnson today, the attached list of addresses is being provided for cross referencing with addresses of known lead service pipes. Please be advised that you may observe the same address more than once as children are retested for their blood lead level. Please return the list in the same format that includes only addresses with known lead service pipes.

Thank you.

I hope that you have received voice mail or E-mail from Mr. Johnson describing the cross referencing work needed to help with the prioritization of the Lead Service Line Replacement Program WASA will conduct.

Lynette Stokes, Ph.D., MPH, Chief
Bureau of Hazardous Material
& Toxic Substances
51 N Street, NE

Washington, DC 20002
(202) 535-2277
(202) 535-1381 (Fax)

>
> <<BLOOD LEAD LEVELS 10 AND ABOVE.xls>>
>
>



BLOOD LEAD LEVELS 10 AND ABOV

Roger Gans

03/31/2004 02:21 PM

To: lstokes@dchealth.com

cc: dlucey@dchealth.com, jacollier@dchealth.com, ghope@dchealth.com

Subject: Information on Service Material

Dr. Stokes,

I tried calling your cell phone, but could not reach you. I reported to Dr. Lucey that the following addresses are as noted:

[REDACTED] Ridge Place, SE
[REDACTED] Lamont St., NW
[REDACTED] Rhode Island Ave, NW
vintage)
[REDACTED] Kenilworth Ave, NE

1 1/4" Brass

3/4" Probable lead

3/4" Records show copper, but excellent chance lead (1909

3/4" Copper

Roger L. Gans, PE
Manager, Planning & Design
DC WASA
202-787-2452
rgans@dcwasa.com

Roger Gans

04/07/2004 01:44 PM

To: dlucey@dchealth.com
cc: jacollier@dchealth.com, ghope@dchealth.com
Subject: Criteria for 500 Health Priority Lead Service Replacements

Dr. Lucey,

I know that you must be extremely busy, but I request a written statement of DC DOH's priority system. We should be giving our contractor a notice to proceed by the end of this week, or early next. Mr. Johnson is about to execute the contract.

During our recent phone discussion about the criteria, here is what I understood (and what I did not understand):

Priority 1- All residences with lead services and water test results over 300 ppb.

Priority 2- Day Care Centers- From our brief discussion, I was not clear what characteristics would be included in this class.

Priority 3- Residences with lead services, children with elevated blood lead levels (What level? This will certainly be defined by DOH, but the level is not clear to me. When will this list of addresses with elevated blood levels be provided?) and with water lead levels above 15 ppb.

Priority 4- Residences with children under 6 and/or pregnant or nursing mothers and water test levels between 15 ppb and 300 ppb. Rank these in order of water test results (Is this the ranking?) to make up the balance of the 500.

I need DC DOH to provide clarification of these criteria, or alternatively send me a clear statement of the criteria. Once we have that, we can provide the contractor almost immediately with the priority #1 list. However, that is as far as WASA can go without clarification of #2 and #3. I believe that we have the data for #4, and will start that sort, but obviously we need #2 and #3 to derive the list. Also, need to verify that the ranking will be by water test result in #4 and not other factors such as numbers of children.

Thank you in advance.

Roger L. Gans, PE
Manager, Planning & Design
DC WASA
202-787-2452
rgans@dcwasa.com

Roger Gans

04/20/2004 03:44 PM

To: "Thomas, Peter" <pthomas@dchealth.com>
cc: "Glymph, Chevelle" <aglymph@dchealth.com>, "Lucey, Daniel" <dlucey@dchealth.com>, "Davies-Cole, John" <jdcole@dchealth.com>
Subject: Re: DC Childcare Facilities 

Dr. Thomas,

As you are may be aware, I am responsible for pulling together all the information to identify the 500 health related lead replacements based on the criteria as agreed to by DC DOH, EPA and WASA. As you also may be aware, one of the criteria is: home day care centers with lead service lines.

By e-mail below dated 4/9/04 you transmitted the spread sheet DOHDAYCARE Hot house list 4_09_04.xls to me. Regarding this list and this issue, please note that:

- When WASA ran a match of these addresses against our customer database to identify lead service lines, only 79 of the addresses were identified as being served by lead. However, it is certainly possible that others of these are served by lead as well. Was this spreadsheet intended to represent the daycare centers served by lead as identified by DC DOH? If so, what is the source of DOH's data?
- I am also attaching a spreadsheet developed by WASA regarding day care centers. This list was derived as follows: DOH provided WASA with two lists of licensed daycare centers, both facilities and homes, totaling approximately 700. WASA then used our customer database (CIS) records and WASA maps to identify pipe diameter and material for each address. This research generated a list of 46 daycare facilities or homes with lead service lines and another 104 with service lines 2 inches or less in diameter that are undetermined but suspected to be lead by virtue of the size and date.



daycare - norair list.x

- Although there are common day care centers on each list, they do not match completely. Therefore, WASA is anxious to determine the final list to be used to meet this criteria. One possible explanation for at least a portion of the difference is that it is WASA's understanding that DOH has done a survey of many of the daycare centers and learned that up to 50 of the 150 identified as lead or undetermined are no longer in business. This may explain why certain of the facilities on the WASA list may not appear on the DOH list. However, it does not completely define the differences or the final list to be used.

The purpose of this e-mail is to solicit DOH's help in deriving one, best list of the day care centers that should meet this criterion. If you are not the person to provide this consultation, please pass this on to the correct contact. Or, I can be reached at the number or e-mail below to discuss or receive further guidance.

Thank you in advance.

Roger L. Gans, PE
Manager, Planning & Design
DC WASA
202-787-2452
rgans@dcwasa.com
"Thomas, Peter" <pthomas@dchealth.com>



"Thomas, Peter"



<pthomas@dchealth.com>

04/09/2004 05:02 PM

To: "roger_gans@dcwasa.com" <roger_gans@dcwasa.com>

cc: "Davies-Cole, John" <jdcole@dchealth.com>, "Glymph, Chevelle" <aglymph@dchealth.com>, "Lucey, Daniel" <dlucey@dchealth.com>

Subject: DC Childcare Facilities

Peter E. Thomas, PhD, MPH
CDC EIS Officer
Bureau of Epi and Health Risk Assessment
Washington, DC Department of Health
tele (202) 724 -7668 / fax (202) 442-4796

<<DOHDAYCARE Hot house list 4_09_04.xls>>



DOHDAYCARE Hot house list 4_09_0

Roger Gans

04/22/2004 12:48 PM

To: "Thomas, Peter" <pthomas@dchealth.com>
cc: "Glymph, Chevelle" <aglymph@dchealth.com>, "Lucey, Daniel" <dlucey@dchealth.com>, "Davies-Cole, John" <jdcole@dchealth.com>
Subject: Re: DC Childcare Facilities

Dr. Thomas,

My e-mail of 4/20, below, inadvertently excluded a "due date" for this request. As you are likely aware, this is an extremely time critical issue within the city. Therefore, a reply by close of business tomorrow is necessary.

I will call you later today to discuss the progress on this.

Again, thank you in advance.

Roger L. Gans, PE
Manager, Planning & Design
DC WASA
202-787-2452
rgans@dcwasa.com

----- Forwarded by Roger Gans/ENGINEER/DC/WASA on 04/22/2004 12:45 PM -----

Roger Gans

04/20/2004 03:44 PM

To: "Thomas, Peter" <pthomas@dchealth.com>
cc: "Glymph, Chevelle" <aglymph@dchealth.com>, "Lucey, Daniel" <dlucey@dchealth.com>, "Davies-Cole, John" <jdcole@dchealth.com>
Subject: Re: DC Childcare Facilities 

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- When WASA ran a match of these addresses against our customer database to identify lead service lines, only 79 of the addresses were identified as being served by lead. However, it is certainly possible that others of these are served by lead as well. Was this spreadsheet intended to represent the daycare centers served by lead as identified by DC DOH? If so, what is the source of DOH's data?
- I am also attaching a spreadsheet developed by WASA regarding day care centers. This list was derived as follows: DOH provided WASA with two lists of licensed daycare centers, both facilities and homes, totaling approximately 700. WASA then used our customer database (CIS) records and WASA maps to identify pipe diameter and material for each address. This research generated a list of 46 daycare facilities or homes with lead service lines and another 104 with service lines 2 inches or less in diameter that are undetermined but suspected to be lead by virtue of the size and date.



daycare - norair list.x

- Although there are common day care centers on each list, they do not match completely. Therefore,

WASA is anxious to determine the final list to be used to meet this criteria. One possible explanation for at least a portion of the difference is that it is WASA's understanding that DOH has done a survey of many of the daycare centers and learned that up to 50 of the 150 identified as lead or undetermined are no longer in business. This may explain why certain of the facilities on the WASA list may not appear on the DOH list. However, it does not completely define the differences or the final list to be used.

The purpose of this e-mail is to solicit DOH's help in deriving one, best list of the day care centers that should meet this criterion. If you are not the person to provide this consultation, please pass this on to the correct contact. Or, I can be reached at the number or e-mail below to discuss or receive further guidance.

Thank you in advance.

Roger L. Gans, PE
Manager, Planning & Design
DC WASA
202-787-2452
rgans@dcwasa.com
"Thomas, Peter" <pthomas@dchealth.com>



"Thomas, Peter"
<pthomas@dchealth.com>

04/09/2004 05:02 PM

To: "roger_gans@dcwasa.com" <roger_gans@dcwasa.com>
cc: "Davies-Cole, John" <jdcole@dchealth.com>, "Glymph, Chevelle" <aglymph@dchealth.com>, "Lucey, Daniel" <dlucey@dchealth.com>
Subject: DC Childcare Facilities

Peter E. Thomas, PhD, MPH
CDC EIS Officer
Bureau of Epi and Health Risk Assessment
Washington, DC Department of Health
tele (202) 724 -7668 / fax (202) 442-4796

<<DOHDAYCARE Hot house list 4_09_04.xls>>



DOHDAYCARE Hot house list 4_09_0

Roger Gans

03/25/2004 12:49 PM

To: ghope@dchealth.com

cc:

Subject: Prioritization of Lead Service Line Replacements

Greg,

The e-mail we talked about.

Roger

Roger L. Gans, PE
Manager, Planning & Design
DC WASA
202-787-2452
rgans@dcwasa.com

----- Forwarded by Roger Gans/ENGINEER/DC/WASA on 03/25/2004 12:48 PM -----

Michael Marcotte

03/25/2004 12:42 PM

To: Leonard Benson/ENGINEER/DC/WASA@WASA, Roger
Gans/ENGINEER/DC/WASA@WASA

cc:

Subject: Prioritization of Lead Service Line Replacements

FYI

Michael S. Marcotte, P.E., DEE
Deputy General Manager/Chief Engineer
District of Columbia Water and Sewer Authority
202-787-2609
202-787-2333 FAX


----- Forwarded by Michael Marcotte/GM/DC/WASA on 03/25/2004 12:42 PM -----

Michael Marcotte

03/23/2004 10:06 AM

To: "Lucey, Daniel" <dlucey@dchealth.com>

cc: Jerry Johnson/GM/DC/WASA@WASA

Subject: Prioritization of Lead Service Line Replacements 

Dr. Lucey,

As you are aware, WASA is close to award of a contract for 500 lead service line replacements intended to address urgent health related priorities determined in conjunction with DC DOH. As you may be further aware, WASA intends to physically replace 1615 lead service lines prior to September 30, 2004, and the 500 health replacements comprise part of this total. Therefore, WASA faces an urgent need to expedite the schedule for the identification of the 500 lead services.

This is to request that DC DOH staff work expeditiously with DC WASA staff to derive a working process to identify the 500 replacements for this year. Ideally a target for identification of at least the initial replacements is April 1, 2004. This is earlier than originally discussed between our staffs (mid-May was the target). However, the decision to physically replace 1615 services has changed the schedule requirements. If all 500 cannot be identified by April 1 then at a minimum we need to identify 100 addresses by this date since we anticipate that a notice to proceed will be issued to the contractor April 2. We would then rapidly need to provide additional dates to our contractor; 100 more by 5/1 and the remaining 300 by 6/1.

Roger Gans of my staff has already had discussions with Gregory Hope of your staff on this issue. I am hopeful that DC DOH can make development of this selection process a high priority of DOH as it is for WASA.

Michael S. Marcotte, P.E., DEE
Deputy General Manager/Chief Engineer
District of Columbia Water and Sewer Authority
202-787-2609
202-787-2333 FAX

Roger Gans

04/29/2004 09:10 AM

To: peter.thomas@dc.gov
cc: daniel.lucey@dc.gov
Subject: RE: DC Childcare Facilities

Dr. Thomas,

I realize that you were out of town; however, I must finalize the list of childcare facilities today and provide it to our contractor. Please advise where DC DOH is on this effort. Is there a way that you can reconcile the lists? If not, shall I use the DOH list? the WASA list? a merged list?

Sorry to keep pressuring you on this, but WASA will never be able to achieve its EPA mandated number of replacements unless I provide the contractor with this information.

Roger L. Gans, PE

Manager, Planning & Design

DC WASA

202-787-2452

rgans@dcwasa.com

----- Forwarded by Roger Gans/ENGINEER/DC/WASA on 04/29/2004 09:06 AM -----

Roger Gans

04/27/2004 08:41 AM

To: daniel.lucey@dc.gov
cc:
Subject: RE: DC Childcare Facilities

Dr. Lucey,

I am forwarding two e-mails; one each from Dr. Thomas and Dr. Stokes.

Dr. Thomas' e-mail concerns the final list of childcare centers to be used by WASA in compiling the 500 health related lead service line replacements. As discussed in my e-mail to him, WASA needs a DOH determination of this list as soon as possible.

The e-mail from Dr. Stokes does not approve the list of 219 high blood level addresses and appears to defer this decision to you. Again, WASA needs a DOH determination of this list as soon as possible.

Thank you in advance for your efforts.

Roger L. Gans, PE

Manager, Planning & Design

DC WASA

202-787-2452

rgans@dcwasa.com

----- Forwarded by Roger Gans/ENGINEER/DC/WASA on 04/27/2004 08:32 AM -----



"Thomas, Peter"

<peter.thomas@dc.gov

>

04/22/2004 12:33 PM

To: "Roger_Gans@dcwasa.com" <Roger_Gans@dcwasa.com>,
"Thomas, Peter" <peter.thomas@dc.gov>
cc: "Glymph, Chevelle" <chevelle.glymph@dc.gov>, "Lucey, Daniel"
<daniel.lucey@dc.gov>, "Davies-Cole, John"
<john.davies-cole@dc.gov>
Subject: RE: DC Childcare Facilities

Thanks for your letter Roger,

I will speak to the DOH team and respond to your questions so that we can address this apparent difference as soon as possible. I apologize for the delayed. I am currently at a conference in Atlanta GA and will not be back in Washington DC until Wednesday. I will send an update on my progress to you by Monday.

Please feel free to call me on my cell if necessary at 404 272-0173

Sincerely,

Peter T

-----Original Message-----

From: Roger_Gans@dcwasa.com

To: Thomas, Peter

Cc: Glymph, Chevelle; Lucey, Daniel; Davies-Cole, John

Sent: 4/20/2004 3:44 PM

Subject: Re: DC Childcare Facilities

Dr. Thomas,

As you are may be aware, I am responsible for pulling together all the information to identify the 500 health related lead replacements based on the criteria as agreed to by DC DOH, EPA and WASA. As you also may be aware, one of the criteria is: home day care centers with lead service lines.

By e-mail below dated 4/9/04 you transmitted the spread sheet DOHDAYCARE Hot house list 4_09_04.xls to me. Regarding this list and this issue, please note that:

When WASA ran a match of these addresses against our customer database

to identify lead service lines, only 79 of the addresses were identified

as being served by lead. However, it is certainly possible that others

of these are served by lead as well. Was this spreadsheet intended to represent the daycare centers served by lead as identified by DC DOH? If

so, what is the source of DOH's data?

I am also attaching a spreadsheet developed by WASA regarding day care

centers. This list was derived as follows: DOH provided WASA with two lists of licensed daycare centers, both facilities and homes, totaling

approximately 700. WASA then used our customer database (CIS) records

and WASA maps to identify pipe diameter and material for each address.

This research generated a list of 46 daycare facilities or homes with lead service lines and another 104 with service lines 2 inches or less

in diameter that are undetermined but suspected to be lead by virtue of the size and date.

(See attached file: daycare - norair list.xls)

Although there are common day care centers on each list, they do not match completely. Therefore, WASA is anxious to determine the final list to be used to meet this criteria. One possible explanation for at least a portion of the difference is that it is WASA's understanding that DOH has done a survey of many of the daycare centers and learned that up to 50 of the 150 identified as lead or undetermined are no longer in business. This may explain why certain of the facilities on the WASA list may not appear on the DOH list. However, it does not completely define the differences or the final list to be used.

The purpose of this e-mail is to solicit DOH's help in deriving one, best list of the day care centers that should meet this criterion. If you are not the person to provide this consultation, please pass this on to the correct contact. Or, I can be reached at the number or e-mail below to discuss or receive further guidance.

Thank you in advance.

Roger L. Gans, PE
Manager, Planning & Design
DC WASA
202-787-2452
rgans@dcwasa.com

"Thomas, Peter"
<pthomas@dchealth.com>
To: "roger_gans@dcwasa.com" <roger_gans@dcwasa.com>
cc: "Davies-Cole, John" <jdcole@dchealth.com>, "Glymph, Chevelle" <aglymph@dchealth.com>, "Ducey, Daniel" <dlucey@dchealth.com>
04/09/2004 05:02 PM
Subject: DC Childcare Facilities

Peter E. Thomas, PhD, MPH
CDC EIS Officer
Bureau of Epi and Health Risk Assessment
Washington, DC Department of Health
tele (202) 724 -7668 / fax (202) 442-4796

<<DOHDAYCARE Hot house list 4_09_04.xls>>
(See attached file: DOHDAYCARE Hot house list 4_09_04.xls)

IMPORTANT NOTICE: The security of electronic mail sent through the Internet is not guaranteed. DCWASA therefore recommends that you do not send confidential information to us via electronic mail, including social security numbers, account numbers and personal identification numbers

unless instructed to do so through a secured site. Delivery and timely delivery of electronic mail is also not guaranteed. WASA also recommends that you do not send time-sensitive or action-oriented messages to us via electronic mail unless instructed to do so.

<<daycare - norair list.xls>> <<DOHDAYCARE Hot house list 4_09_04.xls>>

----- Forwarded by Roger Gans/ENGINEER/DC/WASA on 04/27/2004 08:32 AM -----



"Stokes, Lynette
(DOH)"
<lynette.stokes@dc.gov>
v>

04/26/2004 08:36 PM

To: "Roger_Gans@dcwasa.com" <Roger_Gans@dcwasa.com>
cc: dlucey@imcingular.com, "Lucey, Daniel (DOH)" <daniel.lucey@dc.gov>, "Calhoun, Thomas (DOH)" <thomas.calhoun@dc.gov>, Jerry_Johnson@dcwasa.com, "Stokes, Lynette (DOH)" <lynette.stokes@dc.gov>

Subject: RE: 2002 & 2003 Addresses EBLs

Mr. Gans,

Dr. Lucey is the current Incident Commander of the "Lead in Water" response from the District of Columbia Department of Health as directed by the City Administrator's Office. Dr. Lucey's decisions regarding the priority replacement of Lead Service Lines (LSL) WASA is planning represent the position of the DC Department of Health.

I am in agreement with the categories that have been provided to WASA. One of the categories includes any child with a documented blood lead level test result greater than 9ug/dL that has a lead service line or unknown service line. This category of children should be placed on the priority list for "Lead Service Replacement". This prioritization would include the names of the children you mentioned in your E-mail below or others you will come across in the future.

Lynette Stokes, Ph.D., MPH, Chief
Bureau of Hazardous Material
& Toxic Substances
51 N Street, NE
Washington, DC 20002
(202) 535-2277
(202) 535-1381 (fax)

-----Original Message-----

From: Roger_Gans@dcwasa.com [mailto:Roger_Gans@dcwasa.com]
Sent: Monday, April 26, 2004 2:58 PM
To: Stokes, Lynette
Cc: dlucey@imcingular.com; dlucey@dchealth.com; thomas.calhoun@dc.gov;
Jerry_Johnson@dcwasa.com
Subject: Re: 2002 & 2003 Addresses EBLs

Dr. Stokes,

This follow up e-mail has two objectives:

1. It is not clear to WASA whether DC DOH has approved the list of 216 addresses as presented in the spreadsheet attached to my e-mail of 4/22. I request clarification of this by no later than Wednesday 4/28/04.
2. By e-mail dated 4/23/04 Dr. Lucey "..... agreed that if a child has an documented elevated blood lead level and is in the WASA database as having a lead service line or unknown service line then they should be in the list of 500 prioritized residences for LSL replacement." Consequently he approved adding the family of ~~XXXXXXXXXX~~ is actually her husband's and son's last name) on the ~~XXXX~~ block of Chevy Chase Parkway (house address not specified) who stated that her ~~XXXXXXXXXX~~ (a baby) has blood lead levels of ~~XXXX~~ ug/dl.

In researching our database of information received thus far from Lead Service Priority Replacement Forms, we have identified two other addresses with blood lead levels reported to be above 10 ug/dl and with lead or unknown services.

Name	Address	Blood Test Results ug/dl
Comments		
XXXXXXXXXX	XXXX Third St NE	XXXX
elevated blood levels in XXXX	XXXX C St., NE	elevated
XXXXXXXXXX		
lead levels taken b/t ages		
9m and 2 years		

Please advise whether WASA should add these two additional addresses to the list of 216 addresses and to the address previously added by Dr. Lucey; i.e. ~~XXXXXXXXXX~~ + 216 = 219 addresses.

Roger L. Gans, PE
Manager, Planning & Design
DC WASA
202-787-2452
rgans@dcwasa.com

----- Forwarded by Roger Gans/ENGINEER/DC/WASA on 04/26/2004 02:25 PM -----

Roger Gans

To: "Stokes, Lynette"
<lynette.stokes@dc.gov>
04/22/2004 11:36
cc: "'dlucey@imcingular.com'" <dlucey@imcingular.com>,
AM "'Jjohnson@dcWASA.com'"
<Jjohnson@dcWASA.com>, "Stokes,
Lynette"

<lynette.stokes@dc.gov>, "'Mmarcotte@dcWASA.com'"
<Mmarcotte@dcWASA.com>,
"'RGans@dcWASA.com'"
<RGans@dcWASA.com>, "Calhoun,
Thomas"
<thomas.calhoun@dc.gov>,
Leonard
Benson/ENGINEER/DC/WASA@WASA
Subject: Re: 2002 & 2003
Addresses EBLs(Document link:
Roger Gans)

Dr. Stokes,

Attached is a spreadsheet that results of the match between the spreadsheet that you transmitted via the e-mail below (BLOOD LEAD LEVELS 10 AND ABOVE.xls) and WASA's customer database information as to which service are lead or unknown.

(See attached file: blood_results_lead_unknown_4_22.xls)

Please note the following:

Based on the criterion "homes that have children with elevated blood lead levels and that have a lead service line or a service line of undetermined material" there are 216 such addresses that meet this criterion.

However, note that there are 40 addresses that WASA could not match with our customer data base, even after attempts to research the address for spelling and/or quadrant. If DC DOH wishes WASA to consider these addresses for priority replacement, we need to obtain more information about the addresses to ascertain why they are not contained in our customer database.

By this e-mail WASA is requesting DC DOH's determination that the 216 addresses should be included in this year's priority replacement program.

Roger L. Gans, PE
Manager, Planning & Design
DC WASA
202-787-2452
rgans@dcwasa.com

"Stokes, Lynette"
<lynette.stokes@
"'RGans@dcWASA.com'" <RGans@dcWASA.com>
c.gov>
<lynette.stokes@dc.gov>,
<dlucey@imcingular.com>,
04/16/2004 01:24
<thomas.calhoun@dc.gov>,
To:
cc: "Stokes, Lynette"
"dlucey@imcingular.com"
"Calhoun, Thomas"

PM
<Jjohnson@dcWASA.com>,
<Mmarcotte@dcWASA.com>

"'Jjohnson@dcWASA.com'"
"'Mmarcotte@dcWASA.com'"

Subject: 2002 & 2003

Addresses EBLs

Mr. Gans,
Following my discussion Dr. Dan Lucey and with Mr. Jerry Johnson today, the attached list of addresses is being provided for cross referencing with addresses of known lead service pipes. Please be advised that you may observe the same address more than once as children are retested for their blood lead level. Please return the list in the same format that includes only addresses with known lead service pipes.

Thank you.

I hope that you have received voice mail or E-mail from Mr. Johnson describing the cross referencing work needed to help with the prioritization of the Lead Service Line Replacement Program WASA will conduct.

Lynette Stokes, Ph.D., MPH, Chief
Bureau of Hazardous Material
& Toxic Substances
51 N Street, NE
Washington, DC 20002
(202) 535-2277
(202) 535-1381 (Fax)

>

> <<BLOOD LEAD LEVELS 10 AND ABOVE.xls>>

>

>

(See attached file: BLOOD LEAD LEVELS 10 AND ABOVE.xls)

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Roger Gans

05/04/2004 03:43 PM

To: lynette.stokes@dc.gov

cc:

Subject: Re: 2002 & 2003 Addresses EBLs

Dr. Stokes,

We are proceeding with those homes that we could match with our customer database plus the 3 homes subsequently identified; i.e. the 219 addresses (see this and prior e-mails). Even after additional investigation, WASA has been unable to identify the 40 addresses as noted in the e-mail below and on the spreadsheet blood_results_lead_unknown_4_22.xls.

On a related issue, please verify that the 216 addresses resulting from the match of BLOOD LEAD LEVELS 10 AND ABOVE.xls and our database are current. That is, that the children with high blood lead levels have been verified by DC DOH as still living at these addresses.

WASA is proceeding to provide this list to the contractor for priority replacement of these services (along with the identified child day care centers and high water test/at risk addresses).

Roger L. Gans, PE
Manager, Planning & Design
DC WASA
202-787-2452
rgans@dcwasa.com

----- Forwarded by Roger Gans/ENGINEER/DC/WASA on 05/04/2004 03:33 PM -----

Roger Gans

04/22/2004 11:36 AM

To: "Stokes, Lynette" <lynette.stokes@dc.gov>

cc: "dlucey@imcingular.com" <dlucey@imcingular.com>, "Jjohnson@dcWASA.com" <Jjohnson@dcWASA.com>, "Stokes, Lynette" <lynette.stokes@dc.gov>, "Mmarcotte@dcWASA.com" <Mmarcotte@dcWASA.com>, "RGans@dcWASA.com" <RGans@dcWASA.com>, "Calhoun, Thomas" <thomas.calhoun@dc.gov>, Leonard Benson/ENGINEER/DC/WASA@WASA

Subject: Re: 2002 & 2003 Addresses EBLs

Dr. Stokes,

Attached is a spreadsheet that results of the match between the spreadsheet that you transmitted via the e-mail below (BLOOD LEAD LEVELS 10 AND ABOVE.xls) and WASA's customer database information as to which service are lead or unknown.



blood results lead unknown 4 22

Please note the following:

- Based on the criterion "homes that have children with elevated blood lead levels and that have a lead service line or a service line of undetermined material" there are 216 such addresses that meet this criterion.
- However, note that there are 40 addresses that WASA could not match with our customer data base, even after attempts to research the address for spelling and/or quadrant. If DC DOH wishes WASA to consider these addresses for priority replacement, we need to obtain more information about the

addresses to ascertain why they are not contained in our customer database.

By this e-mail WASA is requesting DC DOH's determination that the 216 addresses should be included in this year's priority replacement program.

Roger L. Gans, PE
Manager, Planning & Design
DC WASA
202-787-2452
rgans@dcwasa.com
"Stokes, Lynette" <lynette.stokes@dc.gov>



"Stokes, Lynette"
<lynette.stokes@dc.gov>
>

04/16/2004 01:24 PM

To: "RGans@dcWASA.com" <RGans@dcWASA.com>
cc: "Stokes, Lynette" <lynette.stokes@dc.gov>, "dlucey@imcingular.com"
<dlucey@imcingular.com>, "Calhoun, Thomas"
<thomas.calhoun@dc.gov>, "Jjohnson@dcWASA.com"
<jjohnson@dcWASA.com>, "Mmarcotte@dcWASA.com"
<Mmarcotte@dcWASA.com>
Subject: 2002 & 2003 Addresses EBLs

Mr. Gans,
Following my discussion Dr. Dan Lucey and with Mr. Jerry Johnson today, the attached list of addresses is being provided for cross referencing with addresses of known lead service pipes. Please be advised that you may observe the same address more than once as children are retested for their blood lead level. Please return the list in the same format that includes only addresses with known lead service pipes.

Thank you.

I hope that you have received voice mail or E-mail from Mr. Johnson describing the cross referencing work needed to help with the prioritization of the Lead Service Line Replacement Program WASA will conduct.

Lynette Stokes, Ph.D., MPH, Chief
Bureau of Hazardous Material
& Toxic Substances
51 N Street, NE
Washington, DC 20002
(202) 535-2277
(202) 535-1381 (Fax)

>
> <<BLOOD LEAD LEVELS 10 AND ABOVE.xls>>
>
>



BLOOD LEAD LEVELS 10 AND ABOVE



"Lucey, Daniel"
<dlucey@dchealth.com>
m>

04/08/2004 09:01 PM

To: "Roger_Gans@dcwasa.com" <Roger_Gans@dcwasa.com>, "Lucey, Daniel" <dlucey@dchealth.com>
cc: "Collier, James" <jacollier@dchealth.com>, "Hope, Gregory" <ghope@dchealth.com>, "m" <mmarcotte@dcwasa.com>
Subject: RE: Criteria for 500 Health Priority Lead Service Replacements

Mr. Gans, Mr. Marcotte, and Mr. Johnson:

Since Drs Calhoun and Stokes and I spoke with Mr. Gans by phone March 31st about WASA's request for DC DOH to prioritize Lead Service Line (LSLs) replacements, I have talked with Mr. Marcotte and Mr. Rogers (EPA) (that same evening of March 31st), Mr. Capacasa (EPA) (April 2nd), and again with Mr. Marcotte and colleagues on Monday, April 5th about making this prioritization of LSL replacements with the PRIOR agreement of the new WASA clinical consultants from GW and with EPA.

I understood from Mr. Marcotte and Ms. Wheeler on Monday, April 5th, and from Mr. Johnson when I talked with him at the Senate subcommittee hearing yesterday (April 7th), that the GW medical-clinical consultants are not quite yet on board at WASA. However, I do want them to be involved with these decisions ASAP.

Both Mr. Rogers and Mr. Capacasa agreed to participate from EPA in this critical and certain-to-be-controversial consensus opinion on prioritization of LSL replacements. Mr. Rogers and Mr. Capacasa told me that EPA will be reviewing the WASA proposed prioritization plan this month. That fact is all the more reason, in my opinion, to have the active involvement now from EPA in this decision-making.

The DC Department of Health is NOT assuming sole responsibility for this aspect of the prioritization of the LSL replacements, and we must have active involvement from WASA and EPA in this prioritization plan.

To clarify our most recent proposals for prioritization considerations:

1. Priority 1: Home childcare facilities that have lead-service line (LSLs).

a. Rationale: This is the most vulnerable population, children < 6 years of age, and particularly very young children who are drinking formula. Even if these homes are using water filters now, or do not have water lead concentrations > 15ppb when measured using the water test kits we are delivering when we go to draw blood for lead levels, there could be exposures to elevated water lead concentrations inadvertently anytime in the future. Thus, all ~ 150 facilities should be prioritized for LSL replacement.

b. the highest priority in this group should be to those homes already documented to have water lead concentration > 15ppb.

2. All residences with > 300ppb water lead concentrations (~ 180 homes) so far.

a. The highest priority in this group should be with children < 6 years old and pregnant or nursing mothers.

3. Homes with children having elevated blood lead levels, defined as 10 micrograms/deciliter or higher (the list I will forward to you from Dr. Stokes, after sending this e-mail this evening, for privacy reasons I will

not send it to everyone on this current e-mail). Children living in homes with the highest water lead levels, including all > 15ppb, should be prioritized first. In other words, the priority is by the water lead level and not the absolute value of the blood lead level.

4. Homes with water lead concentrations > 150 ppb.

a. The first priority in this group should be homes with young children under 6 years and pregnant or nursing mothers.

b. The rationale is due to the expressed concerns about the efficacy of water filters at lead concentrations > 150ppb, particularly IF the recommended flushing is not performed before filtering the water.

5. Homes with water lead concentrations > 15ppb.

a. the first priority in this group should be homes with young children under 6 years of age and pregnant and nursing mothers.

These are my heuristic proposals, but I reiterate that the final prioritization requires written input from EPA and WASA's new clinical consultant team from GW University.

DC DOH is amenable to discussing and modifying the above proposed prioritization suggestions. This prioritization process requires the wisdom of Solomon. Absent Solomon, it requires our joint WASA-DOH-EPA consensus.

Thank you very much.

Daniel R. Lucey, MD, MPH
Interim Chief Medical Officer
DC Department of Health

-----Original Message-----

From: Roger Gans@dcwasa.com [mailto:Roger_Gans@dcwasa.com]
Sent: Wednesday, April 07, 2004 1:44 PM
To: dlucey@dchealth.com
Cc: jacollier@dchealth.com; ghope@dchealth.com
Subject: Criteria for 500 Health Priority Lead Service Replacements

Dr. Lucey,

I know that you must be extremely busy, but I request a written statement of DC DOH's priority system. We should be giving our contractor a notice to proceed by the end of this week, or early next. Mr. Johnson is about to execute the contract.

During our recent phone discussion about the criteria, here is what I understood (and what I did not understand):

Priority 1- All residences with lead services and water test results over 300 ppb.

Priority 2- Day Care Centers- From our brief discussion, I was not clear what characteristics would be included in this class.

Priority 3- Residences with lead services, children with elevated blood lead levels (What level? This will certainly be defined by DOH, but the level is not clear to me. When will this list of addresses with elevated blood levels be provided?) and with water lead levels above 15 ppb.

Priority 4- Residences with children under 6 and/or pregnant or nursing mothers and water test levels between 15 ppb and 300 ppb. Rank these in order of water test results (Is this the ranking?) to make up the balance of the 500.

I need DC DOH to provide clarification of these criteria, or alternatively send me a clear statement of the criteria. Once we have that, we can provide the contractor almost immediately with the priority #1 list. However, that is as far as WASA can go without clarification of #2 and #3. I believe that we have the data for #4, and will start that sort, but obviously we need #2 and #3 to derive the list. Also, need to verify that the ranking will be by water test result in #4 and not other factors such as numbers of children.

Thank you in advance.

Roger L. Gans, PE
Manager, Planning & Design
DC WASA
202-787-2452
rgans@dcwasa.com

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"Lucey, Daniel"
<dlucey@dchealth.com>
m>

04/09/2004 04:19 PM

To: "Davies-Cole, John" <jdcole@dchealth.com>,
roger_gans@dcwasa.com, mmarcotte@dcwasa.com,
jjohnson@dcwasa.com
cc: rgans@dcwasa.com
Subject: Elevated blood lead levels

Here is the attached file that Dr. Stokes sent me with the address of the children with elevated blood lead levels in 2002 and 2003. Once we know how many have lead service lines then we may have to further prioritize, but let's find out. I am sending it both to WASA and to Dr. Davies-Cole at DOH.

Thank you.

Dan Lucey, MD

Interim Chief Medical Officer

DC Department of Health

From: Offor, Obiora
Sent: Wednesday, March 31, 2004 5:23 PM
To: Stokes, Lynette
Cc: Lucey, Daniel; Calhoun, Thomas
Subject: FW: LEAD LEVEL

-----Original Message-----

From: Offor, Obiora

Sent: Wednesday, March 31, 2004 3:49 PM

To: Stokes, Lynette

Subject: LEAD LEVEL

<<BLOOD LEAD LEVELS 10 AND ABOVE.xls>>

Dr. Stokes , please find attached the information that you requested.



Thanks BLOOD LEAD LEVELS 10 AND ABOVE



<dlucey@imcingular.com> (DANIEL LUCEY)

04/23/2004 01:04 PM

To: Jodye.Russel@dcwasa.com, Roger_Gans@dcwasa.com
cc: dlucey@imcingular.com, Jjohnson@dcwasa.com,
Leonard_Benson@dcwasa.com, lynette.stokes@dc.gov,
Mmarcotte@dcwasa.com, RGans@dcwasa.com,
thomas.calhoun@dc.gov

Subject: Re: 2002 & 2003 Addresses EBLs

Mr. Johnson: Yes, I agree that if a child has an documented elevated blood lead level and is in the WASA database as having a lead service line or "unknown service line" then they should be in the list of 500 prioritized residences for LSL replacement. The Dept of Health may not have been informed of ALL the children with elevated blood lead levels despite the fact that reporting such levels has been a DC Law since 2000. Inclusion of the home mentioned in the e-mail today by Ms. Jodye Russell would therefore be an example of one such residence that should be added to the LSL prioritization list. As we go forward with the newly arriving electronic DOH Database for blood lead levels that that together we made feasible, then reporting of ALL blood levels on children should become a reality in the District of Columbia. Daniel R. Lucey, MD. Interim Chief Medical Officer DC Department of Health

-----Original Message-----

From: Jodye.Russel@dcwasa.com
Subject: Re: 2002 & 2003 Addresses EBLs

Roger,

I just received a phone call from a customer, ~~Redacted Name~~ is actually her husband's and son's last name) on the ~~Redacted Address~~ block of Chevy Chase Parkway (house address not specified) who stated that her ~~Redacted Name~~ (a baby) has blood lead levels of ~~Redacted Value~~ ug/dl. Further the address has been identified in our records as lead and she has high levels of lead in the water. Seems like an obvious one to replace. Yet when I checked this spreadsheet that you provided to Dr. Stokes, neither the child nor the address is listed. I am quite concerned that there is this apparent omission and that there may be other omissions of a high priority nature as well.

Ms. Sundberg says that Dr. Stokes, at a public meeting, assured her that her address would receive priority attention.

I am copying DOH on this so that we can work toward an immediate resolution of this issue.

Jodye

Jodye Levy Russell
Planning Supervisor
DC Water & Sewer Authority
202-787-2248 voice
202-787-2453 fax
jodye.russell@dcwasa.com

Roger Gans

<lynette.stokes@dc.gov>

04/22/2004 11:36

To: "Stokes, Lynette"

cc:

"'dlucey@imcingular.com'" <dlucey@imcingular.com>,
AM "'Jjohnson@dcWASA.com'"
<Jjohnson@dcWASA.com>, "Stokes,
Lynette"
<lynette.stokes@dc.gov>, "'Mmarcotte@dcWASA.com'"
<Mmarcotte@dcWASA.com>,
"'RGans@dcWASA.com'"
<RGans@dcWASA.com>, "Calhoun,
Thomas"
<thomas.calhoun@dc.gov>,
Leonard
Benson/ENGINEER/DC/WASA@WASA,
(bcc: Jodye
Russell/ENGINEER/DC/WASA)
Subject: Re: 2002 & 2003
Addresses EBLs(Document link:
Jodye Russell)

Dr. Stokes,

Attached is a spreadsheet that results of the match between the spreadsheet that you transmitted via the e-mail below (BLOOD LEAD LEVELS 10 AND ABOVE.xls) and WASA's customer database information as to which service are lead or unknown.

(See attached file: blood_results_lead_unknown_4_22.xls)

Please note the following:

Based on the criterion "homes that have children with elevated blood lead levels and that have a lead service line or a service line of undetermined material" there are 216 such addresses that meet this criterion.

However, note that there are 40 addresses that WASA could not match with our customer data base, even after attempts to research the address for spelling and/or quadrant. If DC DOH wishes WASA to consider these addresses for priority replacement, we need to obtain more information about the addresses to ascertain why they are not contained in our customer database.

By this e-mail WASA is requesting DC DOH's determination that the 216 addresses should be included in this year's priority replacement program.

Roger L. Gans, PE
Manager, Planning & Design
DC WASA
202-787-2452
rgans@dcwasa.com

"Stokes, Lynette"
<lynette.stokes@dc.gov>
<RGans@dcWASA.com>
<lynette.stokes@dc.gov>,
<dlucey@imcingular.com>,
To: "'RGans@dcWASA.com'"
cc: "Stokes, Lynette"
"'dlucey@imcingular.com'"

04/16/2004 01:24
<thomas.calhoun@dc.gov>,
PM
<Jjohnson@dcWASA.com>,
<Mmarcotte@dcWASA.com>

"Calhoun, Thomas"

"'Jjohnson@dcWASA.com'"

"'Mmarcotte@dcWASA.com'"

Subject: 2002 & 2003 Addresses

EBLs

Mr. Gans,

Following my discussion Dr. Dan Lucey and with Mr. Jerry Johnson today, the attached list of addresses is being provided for cross referencing with addresses of known lead service pipes. Please be advised that you may observe the same address more than once as children are retested for their blood lead level. Please return the list in the same format that includes only addresses with known lead service pipes.

Thank you.

I hope that you have received voice mail or E-mail from Mr. Johnson describing the cross referencing work needed to help with the prioritization of the Lead Service Line Replacement Program WASA will conduct.

Lynette Stokes, Ph.D., MPH, Chief
Bureau of Hazardous Material
& Toxic Substances
51 N Street, NE
Washington, DC 20002
(202) 535-2277
(202) 535-1381 (Fax)

>
> <<BLOOD LEAD LEVELS 10 AND ABOVE.xls>>
>
>
(See attached file: BLOOD LEAD LEVELS 10 AND ABOVE.xls)

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blood results lead unknown 4 22



"Lucey, Daniel (DOH)"
<daniel.lucey@dc.gov>

04/27/2004 06:20 PM

To: Roger_Gans@dcwasa.com
cc: lstokes@dchealth.com, tcalhoun@dchealth.com,
aglymph@dchealth.com
Subject: RE: DC Childcare Facilities

Mr. Gans:

1. WASA is our source of information about all information regarding the type of service lines, lead, undetermined, suspected, or otherwise for the DC childcare facilities.

2. The final sentence in Dr. Stokes' e-mail that you forwarded this morning states that you can add the 3 addresses with children having elevated blood lead levels to your prior list for prioritization of service line replacements. Dr. Stokes will also speak for DOH in the future if and when additional questions of this nature arise.

Thank you for your inquiry today.

Daniel R. Lucey, MD
Interim Chief Medical Officer

-----Original Message-----

From: Roger_Gans@dcwasa.com [mailto:Roger_Gans@dcwasa.com]
Sent: Tuesday, April 27, 2004 8:42 AM
To: daniel.lucey@dc.gov
Subject: RE: DC Childcare Facilities

Dr. Lucey,

I am forwarding two e-mails; one each from Dr. Thomas and Dr. Stokes.

Dr. Thomas' e-mail concerns the final list of childcare centers to be used by WASA in compiling the 500 health related lead service line replacements. As discussed in my e-mail to him, WASA needs a DOH determination of this list as soon as possible.

The e-mail from Dr. Stokes does not approve the list of 219 high blood level addresses and appears to defer this decision to you. Again, WASA needs a DOH determination of this list as soon as possible.

Thank you in advance for your efforts.

Roger L. Gans, PE
Manager, Planning & Design
DC WASA
202-787-2452
rgans@dcwasa.com

----- Forwarded by Roger Gans/ENGINEER/DC/WASA on 04/27/2004 08:32 AM -----

"Thomas, Peter"

<peter.thomas@dc.gov>
"Roger_Gans@dcwasa.com"
"Thomas, Peter"

To:
<Roger_Gans@dcwasa.com>,
<peter.thomas@dc.gov>

04/22/2004 12:33

cc: "Glymph, Chevelle"

<chevelle.glymph@dc.gov>,
PM

<daniel.lucey@dc.gov>, "Davies-Cole, John"

"Lucey, Daniel"

<john.davies-cole@dc.gov>

Subject: RE: DC Childcare

Facilities

Thanks for your letter Roger,

I will speak to the DOH team and respond to your questions so that we can address this apparent difference as soon as possible. I apologize for the delayed. I am currently at a conference in Atlanta GA and will not be back in Washington DC until Wednesday. I will send an update on my progress to you by Monday.

Please feel free to call me on my cell if necessary at 404 272-0173

Sincerely,

Peter T

-----Original Message-----

From: Roger_Gans@dcwasa.com

To: Thomas, Peter

Cc: Glymph, Chevelle; Lucey, Daniel; Davies-Cole, John

Sent: 4/20/2004 3:44 PM

Subject: Re: DC Childcare Facilities

Dr. Thomas,

As you may be aware, I am responsible for pulling together all the information to identify the 500 health related lead replacements based on the criteria as agreed to by DC DOH, EPA and WASA. As you also may be aware, one of the criteria is: home day care centers with lead service lines.

By e-mail below dated 4/9/04 you transmitted the spread sheet DOH DAYCARE Hot house list 4_09_04.xls to me. Regarding this list and this issue, please note that:

When WASA ran a match of these addresses against our customer database

to identify lead service lines, only 79 of the addresses were identified

as being served by lead. However, it is certainly possible that others

of these are served by lead as well. Was this spreadsheet intended to represent the daycare centers served by lead as identified by DC DOH?

If

so, what is the source of DOH's data?

I am also attaching a spreadsheet developed by WASA regarding day care

centers. This list was derived as follows: DOH provided WASA with two

lists of licensed daycare centers, both facilities and homes,
totaling approximately 700. WASA then used our customer database (CIS)
records and WASA maps to identify pipe diameter and material for each
address.
This research generated a list of 46 daycare facilities or homes with
lead service lines and another 104 with service lines 2 inches or
less
in diameter that are undetermined but suspected to be lead by virtue
of the size and date.

(See attached file: daycare - norair list.xls)

Although there are common day care centers on each list, they do not
match completely. Therefore, WASA is anxious to determine the final
list
to be used to meet this criteria. One possible explanation for at
least
a portion of the difference is that it is WASA's understanding that
DOH
has done a survey of many of the daycare centers and learned that up
to
50 of the 150 identified as lead or undetermined are no longer in
business. This may explain why certain of the facilities on the WASA
list may not appear on the DOH list. However, it does not completely
define the differences or the final list to be used.

The purpose of this e-mail is to solicit DOH's help in deriving
one,
best list of the day care centers that should meet this criterion. If
you
are not the person to provide this consultation, please pass this on to
the
correct contact. Or, I can be reached at the number or e-mail below to
discuss or receive further guidance.

Thank you in advance.

Roger L. Gans, PE
Manager, Planning & Design
DC WASA
202-787-2452
rgans@dcwasa.com

"Thomas, Peter"

<pthomas@dchealth
"roger_gans@dcwasa.com" <roger_gans@dcwasa.com>
.com>
John" <jdcole@dchealth.com>, <aglymph@dchealth.com>, "Lucey, Daniel"
04/09/2004 05:02 PM
To:
cc: "Davies-Cole,
"Glymph, Chevelle"
<dlucey@dchealth.com>
Subject: DC Childcare

Facilities

Peter E. Thomas, PhD, MPH
CDC EIS Officer
Bureau of Epi and Health Risk Assessment
Washington, DC Department of Health
tele (202) 724 -7668 / fax (202) 442-4796

<<DOHDAYCARE Hot house list 4_09_04.xls>>
(See attached file: DOHDAYCARE Hot house list 4_09_04.xls)

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<<daycare - norair list.xls>> <<DOHDAYCARE Hot house list 4_09_04.xls>>

----- Forwarded by Roger Gans/ENGINEER/DC/WASA on 04/27/2004 08:32 AM -----

"Stokes, Lynette

(DOH) " To:
" 'Roger_Gans@dcwasa.com' " <Roger_Gans@dcwasa.com>
cc:
<lynette.stokes@d
dlucey@imcingular.com, "Lucey, Daniel (DOH) " <daniel.lucey@dc.gov>,
c.gov> <thomas.calhoun@dc.gov>,
"Calhoun, Thomas (DOH) " <thomas.calhoun@dc.gov>,
Jerry_Johnson@dcwasa.com, "Stokes, Lynette (DOH) "
04/26/2004 08:36
<lynette.stokes@dc.gov> PM Subject: RE: 2002 & 2003
Addresses EBLs

Mr. Gans,

Dr. Lucey is the current Incident Commander of the "Lead in Water" response from the District of Columbia Department of Health as directed by the City Administrator's Office. Dr. Lucey's decisions regarding the priority

replacement of Lead Service Lines (LSL) WASA is planning represent the position of the DC Department of Health.

I am in agreement with the categories that have been provided to WASA. One of the categories includes any child with a documented blood lead level test

result greater than 9ug/dL that has a lead service line or unknown service line. This category of children should be placed on the priority list for "Lead Service Replacement". This prioritization would include the names of the children you mentioned in your E-mail below or others you will come across in the future.

Lynette Stokes, Ph.D., MPH, Chief
Bureau of Hazardous Material
& Toxic Substances
51 N Street, NE
Washington, DC 20002
(202)535-2277
(202)535-1381 (fax)

-----Original Message-----

From: Roger_Gans@dcwasa.com [mailto:Roger_Gans@dcwasa.com]
Sent: Monday, April 26, 2004 2:58 PM
To: Stokes, Lynette
Cc: dlucey@imcingular.com; dlucey@dchealth.com; thomas.calhoun@dc.gov; Jerry_Johnson@dcwasa.com
Subject: Re: 2002 & 2003 Addresses EBLs

Dr. Stokes,

This follow up e-mail has two objectives:

1. It is not clear to WASA whether DC DOH has approved the list of 216 addresses as presented in the spreadsheet attached to my e-mail of 4/22. I request clarification of this by no later than Wednesday 4/28/04.
2. By e-mail dated 4/23/04 Dr. Lucey "..... agreed that if a child has an documented elevated blood lead level and is in the WASA database as having a lead service line or unknown service line then they should be in the list of 500 prioritized residences for LSL replacement." Consequently he approved adding the family of [REDACTED] (a baby) is actually her husband's and son's last name) on the [REDACTED] block of Chevy Chase Parkway (house address not specified) who stated that her [REDACTED] (a baby) has blood lead levels of [REDACTED] ug/dl.

In researching our database of information received thus far from Lead Service Priority Replacement Forms, we have identified two other addresses with blood lead levels reported to be above 10 ug/dl and with lead or unknown services.

Name	Address	Blood Test Results ug/dl
Comments		
[REDACTED]	100 Third St NE	[REDACTED]
elevated blood levels in [REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED] C St., NE	elevated
lead levels taken b/t ages 9m and 2 years		

Please advise whether WASA should add these two additional addresses to the

addresses should be included in this year's priority replacement program.

Roger L. Gans, PE
Manager, Planning & Design
DC WASA
202-787-2452
rgans@dcwasa.com

"Stokes, Lynette"

<lynette.stokes@d
" 'RGans@dcWASA.com' " <RGans@dcWASA.com>
c.gov>
<lynette.stokes@dc.gov>,
<dlucey@imcingular.com>,
04/16/2004 01:24
<thomas.calhoun@dc.gov>,
PM
<Jjohnson@dcWASA.com>,
<Mmarcotte@dcWASA.com>

To:

cc: "Stokes, Lynette"

" 'dlucey@imcingular.com' "

"Calhoun, Thomas"

" 'Jjohnson@dcWASA.com' "

" 'Mmarcotte@dcWASA.com' "

Subject: 2002 & 2003

Addresses EBLs

Mr. Gans,
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Thank you.

I hope that you have received voice mail or E-mail from Mr. Johnson describing the cross referencing work needed to help with the prioritization of the Lead Service Line Replacement Program WASA will conduct.

Lynette Stokes, Ph.D., MPH, Chief
Bureau of Hazardous Material
& Toxic Substances
51 N Street, NE
Washington, DC 20002
(202) 535-2277
(202) 535-1381 (Fax)

>
> <<BLOOD LEAD LEVELS 10 AND ABOVE.xls>>
>

>
(See attached file: BLOOD LEAD LEVELS 10 AND ABOVE.xls)

list of 216 addresses and to the address previously added by Dr. Lucey;
i.e. [REDACTED] + [REDACTED] + [REDACTED] + 216 = 219 addresses.

Roger L. Gans, PE
Manager, Planning & Design
DC WASA
202-787-2452
rgans@dcwasa.com

----- Forwarded by Roger Gans/ENGINEER/DC/WASA on 04/26/2004 02:25 PM -----

Roger Gans

<lynette.stokes@dc.gov> .
04/22/2004 11:36 AM
"dlucey@imcingular.com" <dlucey@imcingular.com>,
<Jjohnson@dcWASA.com>, "Stokes,
Lynette"
<lynette.stokes@dc.gov>, "'Mmarcotte@dcWASA.com'"
<Mmarcotte@dcWASA.com>,
<RGans@dcWASA.com>,"Calhoun,
Thomas"
Leonard
Benson/ENGINEER/DC/WASA@WASA
Subject: Re: 2002 & 2003
Roger Gans)

Addresses EBLs (Document link:

Dr. Stokes,

Attached is a spreadsheet that results of the match between the spreadsheet that you transmitted via the e-mail below (BLOOD LEAD LEVELS 10 AND ABOVE.xls) and WASA's customer database information as to which service are lead or unknown.

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Please note the following:

Based on the criterion "homes that have children with elevated blood lead levels and that have a lead service line or a service line of undetermined material" there are 216 such addresses that meet this criterion.

However, note that there are 40 addresses that WASA could not match with our customer data base, even after attempts to research the address for spelling and/or quadrant. If DC DOH wishes WASA to consider these addresses for priority replacement, we need to obtain more information about the addresses to ascertain why they are not contained in our customer database.

By this e-mail WASA is requesting DC DOH's determination that the 216